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NOTICE OF ALLOWANCE AND FEE(S) DUE

30593

7590

01/12/2009

HARNESS, DICKEY & PIERCE, P.L.C. P.O. BOX 8910 RESTON, VA 20195 EXAMINER

GHEBRETINSAE, TEMESGHEN

ART UNIT PAPER NUMBER

2611 DATE MAILED: 01/12/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/659.286	09/11/2003	Min-Ho Kim	2557-000161/US	5541

TITLE OF INVENTION: METHOD AND APPARATUS FOR PERFORMING CHANNEL EQUALIZATION IN COMMUNICATION SYSTEMS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	04/13/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

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B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

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II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further indicated unless correcte maintenance fee notifical	correspondence includir ed below or directed oth	ng the Patent, advance onerwise in Block 1, by	orders and notification o (a) specifying a new cor	f maintenance fee respondence addr	es will be ess; and/o	mailed to the current r (b) indicating a separate	correspondence address as arate "FEE ADDRESS" for
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30593 HARNESS, DI P.O. BOX 8910 RESTON, VA 2	7590 01/12 ICKEY & PIERCI 0195		I S ac tr	hereby certify tha tates Postal Servic ddressed to the M ansmitted to the U	Certificate t this Fee(e with sul Mail Stop SPTO (57	e of Mailing or Trans s) Transmittal is being fficient postage for firs ISSUE FEE address (1) 273-2885, on the d	mission g deposited with the United st class mail in an envelope above, or being facsimile ate indicated below.
							(Depositor's name)
			_				(Signature)
			L				(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTO	OR	ATTC	RNEY DOCKET NO.	CONFIRMATION NO.
10/659,286	09/11/2003	-	Min-Ho Kim		2.	557-000161/US	5541
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DU	E PREV. PAID IS	SUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300			\$1810	04/13/2009
EXAM	INER	ART UNIT	CLASS-SUBCLASS	٠ .			
GHEBRETINSAI	E, TEMESGHEN	<u>2</u> 611	375-229000	_			
"Fee Address" ind. PTO/SB/47; Rev 03-0 Number is required. 3. ASSIGNEE NAME A PLEASE NOTE: Unl	ondence address (or Cha 3/122) attached. ication (or "Fee Address' 12 or more recent) attach ND RESIDENCE DATA less an assignee is ident	" Indication form ned. Use of a Customer A TO BE PRINTED ON ified below, no assignee	listed, no name will THE PATENT (print or e data will appear on the	to 3 registered partively, agle firm (having a ragent) and the nattorneys or agents, be printed. type) patent. If an ass	as a memb ames of u If no nan	per a 2p to see is 3	ocument has been filed for
(A) NAME OF ASSIG	GNEE		OT a substitute for filing a (B) RESIDENCE: (CI') printed on the patent):	ΓΥ and STATE O		,	oup entity 🚨 Government
4a. The following fee(s) are submitted: Issue Fee Publication Fee (No small entity discount permitted) Advance Order - # of Copies			4b. Payment of Fee(s): (P A check is enclosed Payment by credit of The Director is here overpayment, to De	d. card. Form PTO-2	038 is atta	ached.	
a. Applicant claim	tus (from status indicated s SMALL ENTITY statu d Publication Fee (if requestroods of the United Sta	us. See 37 CFR 1.27.	b. Applicant is no leed from anyone other thank Office.				FR 1.27(g)(2). ne assignee or other party in
Authorino I Olevez				D-4-			
Authorized Signature Typed or printed name							
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an application. Confident submitting the completed his form and/or suggesti	tiality is governed by 35 1 application form to the ions for reducing this but	U.S.C. 122 and 37 CFF USPTO. Time will var rden, should be sent to t	R 1.14. This collection is ry depending upon the inc he Chief Information Off	estimated to take dividual case. Any icer. U.S. Patent a	12 minute: comment nd Trader	s to complete, including ts on the amount of time mark Office, U.S. Den.	g gathering, preparing, and ang you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450,

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10/659,286	09/11/2003	Min-Ho Kim	2557-000161/US	5541
30593 75	90 01/12/2009		EXAM	INER
HARNESS, DIC	KEY & PIERCE, P.I	GHEBRETINSA	E, TEMESGHEN	
P.O. BOX 8910			ART UNIT	PAPER NUMBER
RESTON, VA 20195			2611	
			DATE MAILED: 01/12/200	9

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 1271 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 1271 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)				
		, ipplication(c)				
Notice of Allowability	10/659,286	KIM ET AL.				
Notice of Anowabinty	Examiner	Art Unit				
	TEMESGHEN GHEBRETINSAE	2611				
The MAILING DATE of this communication appe All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this appropriate communication GHTS. This application is subject to	olication. If not included will be mailed in due course. THIS				
1. 🔀 This communication is responsive to <u>amendment filed 10/0</u>	<u>02/08</u> .					
2. The allowed claim(s) is/are <u>1-20</u> .						
 3. Acknowledgment is made of a claim for foreign priority unally All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 	been received.					
3. Copies of the certified copies of the priority doc	cuments have been received in this	national stage application from the				
International Bureau (PCT Rule 17.2(a)).						
* Certified copies not received:						
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		complying with the requirements				
4. A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which give						
5. CORRECTED DRAWINGS (as "replacement sheets") mus	et be submitted.					
(a) ☐ including changes required by the Notice of Draftspers	on's Patent Drawing Review (PTO-	948) attached				
1) ☐ hereto or 2) ☐ to Paper No./Mail Date						
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date	s Amendment / Comment or in the C	Office action of				
Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the						
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.						
Attachment(s) 1. ☑ Notice of References Cited (PTO-892)	5. ☐ Notice of Informal P	atent Application				
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. ☐ Interview Summary	(PTO-413),				
3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date	Paper No./Mail Dat 7.	e nent/Comment				
Examiner's Comment Regarding Requirement for Deposit of Biological Material		ent of Reasons for Allowance				
TEMPOOLIEN OLIERDETINGAE!	9.					
/TEMESGHEN GHEBRETINSAE/ Primary Examiner, Art Unit 2611						

Art Unit: 2611

Drawings

The drawings were received on 10/02/08. These drawings are approved by the examiner.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Temesghen Ghebretinsae whose telephone number is 571-272-3017. The examiner can normally be reached on Monday-Friday from 8 to 6. The examiner can also be reached on alternate.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ghayour Mohammed, can be reached on 571-272-3021. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Temesghen Ghebretinsae Primary Examiner Art Unit 2611

/TEMESGHEN GHEBRETINSAE/

Primary Examiner, Art Unit 2611

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